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SocketModem® iCell

Intelligent Cellular Modems

**Benefits**

- Interchangeable communications devices
- Carrier-approved as an end device
- Quick-to-market
- Easy migration to future networks

The SocketModem® iCell intelligent cellular modems are complete, ready-to-integrate communications devices that offer 2G and 3G, GSM and CDMA performance. These quick-to-market communications devices allows developers to add wireless communication and GPS tracking to products with a minimum of development time and expense. The intelligence of the embedded Universal IP® stack allows for automatic/persistent connectivity for mission-critical applications and enhanced M2M (machine-to-machine) functionality. The SocketModem iCell intelligent cellular modems are based on industry-standard open interfaces and utilizes Multi-Tech's [Universal Socket design](#).

The [Universal Socket Developer's Kit](#) allows you to plug in the communications device and use it for testing, programming and evaluation. Contact your local Multi-Tech distributor or sales representative for complete details.

Family Features

- Universal Socket connectivity
- Intelligent Universal IP stack for enhanced M2M functionality
- Models with GPS tracking capability (-GP models)
- NMEA-0183 V3.01 compliant GPS messages (-GP models)
- Event monitoring and reporting via integrated GPIO pins (-MI builds)
- Short Message Services (SMS)
- Serial only or serial/USB models
- AT command compatible
- Two-year warranty

HSPA+ H5 Models

- Penta-band HSPA+
- Quad-band GSM/GPRS/EDGE
- PTCRB certified and carrier approved as an end device

Product	Description	Region
MTSMC-H5-IP	Penta-band HSPA+ Modem with Universal IP	
MTSMC-H5-IP	Serial only	🌐 Global
MTSMC-H5-MI-IP	Penta-band HSPA+ Modem with Universal IP	
MTSMC-H5-MI-IP	Serial and USB	🌐 Global
MTSMC-H5-GP	Penta-band HSPA+ Modem with GPS	
MTSMC-H5-GP	Serial only	🌐 Global
MTSMC-H5-MI-GP	Penta-band HSPA+ Modem with GPS	
MTSMC-H5-MI-GP	Serial and USB	🌐 Global
MTSMI-UDK	Universal Socket Developer Kit	
MTSMI-UDK	Dev Board, Power Supply, Cables, Antennas and Docs	🌐 Global

Hover over the 🌐 to view details about the model.

EV-DO Models

- EV-DO Rev A, backwards compatible to EV-DO Rev 0 and CDMA2000 1xRTT
- Dual-band 800/1900 MHz
- Operating temperature: -40° to +85° C
- Carrier approved as an end device

Product	Description	Region
MTSMC-EV3-GP-N3	Embedded EV-DO w/Universal IP/GPS/Serial (Verizon)	
MTSMC-EV3-GP-N3	3.3V-5V Single and 50-Pack	US
MTSMC-EV3-IP-N3	Embedded EV-DO w/Universal IP (Verizon)	
MTSMC-EV3-IP-N3	3.3V-5V Single or 50-Pack	US
MTSMC-EV3-MI-GP-N3	Embedded EV-DO w/Universal IP/GPS/Serial/USB (Verizon)	
MTSMC-EV3-MI-GP-N3	3.3V-5V Single and 50-Pack	US
MTSMC-EV3-MI-IP-N3	Embedded EV-DO w/Universal IP/Serial/USB (Verizon)	
MTSMC-EV3-MI-IP-N3	3.3V-5V Single and 50-Pack	US
MTSMC-EV2-IP-N2	EV-DO Rev A Modem with Universal IP	
MTSMC-EV2-IP-N2	Serial Only - Sprint	🌐 US
MTSMC-EV2-IP-N3	EV-DO Rev A Modem with Universal IP	
MTSMC-EV2-IP-N3	Not Recommended for New Desigs. MTSMC-EV3-IP-N3 is replacement.	🌐 US
MTSMC-EV2-IP-N16	EV-DO Rev A Modem with Universal IP	
MTSMC-EV2-IP-N16	Serial Only - Aeris	🌐 US
MTSMC-EV2-MI-IP-N2	EV-DO Rev A Modem with Universal IP	
MTSMC-EV2-MI-IP-N2	Serial and USB - Sprint	🌐 US

MTSMC-EV2-MI-IP-N3 MTSMC-EV2-MI-IP-N3	EV-DO Rev A Modem with Universal IP Not Recommended for New Designs. MTSMC-EV3-MI-IP-N3 is replacement.	🇺🇸 US
MTSMC-EV2-MI-IP-N16 MTSMC-EV2-MI-IP-N16	EV-DO Rev A Modem with Universal IP Serial and USB - Aeris	🇺🇸 US
MTSMC-EV2-GP-N2 MTSMC-EV2-GP-N2	EV-DO Rev A Modem with GPS Serial Only - Sprint	🇺🇸 US
MTSMC-EV2-GP-N3 MTSMC-EV2-GP-N3	EV-DO Rev A Modem with GPS Not Recommended for New Designs. MTSMC-EV3-GP-N3 is replacement.	🇺🇸 US
MTSMC-EV2-GP-N16 MTSMC-EV2-GP-N16	EV-DO Rev A Modem with GPS Serial Only - Aeris	🇺🇸 US
MTSMC-EV2-MI-GP-N2 MTSMC-EV2-MI-GP-N2	EV-DO Rev A Modem with GPS Serial and USB - Sprint	🇺🇸 US
MTSMC-EV2-MI-GP-N3 MTSMC-EV2-MI-GP-N3	EV-DO Rev A Modem with GPS Not Recommended for New Designs. MTSMC-EV3-MI-GP-N3 is replacement.	🇺🇸 US
MTSMC-EV2-MI-GP-N16 MTSMC-EV2-MI-GP-N16	EV-DO Rev A Modem with GPS Serial and USB - Aeris	🇺🇸 US
MTSMI-UDK MTSMI-UDK	Universal Socket Developer Kit Dev Board, Power Supply, Cables, Antennas and Docs	🌐 Global

Hover over the 🇺🇸 to view details about the model.

HSPA H3 Models

- Quad-band 7.2 HSPA
- Quad-band GSM/GPRS/EDGE
- Operating temperature: -10° to +55° C
- PTCRB certified and carrier approved as an end device

Product	Description	Region
MTSMC-H3-IP MTSMC-H3-IP	Quad-band HSPA 7.2 Modem with Universal IP Not recommended for new designs - NEOL, see H5 models	🇺🇸 US/Euro
MTSMC-H3-MI-IP MTSMC-H3-MI-IP	Quad-band HSPA 7.2 Modem with Universal IP Not recommended for new designs - NEOL, see H5 models	🇺🇸 US/Euro
MTSMI-UDK MTSMI-UDK	Universal Socket Developer Kit Dev Board, Power Supply, Cables, Antennas and Docs	🌐 Global

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GPRS Models

- GPRS Class 10
- Quad-band GSM 850/900/1800/1900 MHz
- PTCRB certified and carrier approved as an end device

Product	Description	Region
MTSMC-G2-IP MTSMC-G2-IP	Quad-band GPRS Class 10 with Universal IP 850/1900 MHz Default	🌐 Global
MTSMC-G2-IP-ED	900/1800 MHz Default	🌐 Global
MTSMC-G2-GP MTSMC-G2-GP	Quad-band GPRS Class 10 with GPS 850/1900 MHz Default, Universal IP	🌐 Global
MTSMC-G2-GP-ED	900/1800 MHz Default, Universal IP	🌐 Global
MTSMI-UDK MTSMI-UDK	Universal Socket Developer Kit Dev Board, Power Supply, Cables, Antennas and Docs	🌐 Global

Hover over the 🇺🇸 to view details about the model.

CDMA Models

- CDMA2000 1xRTT
- Dual-band 800/1900 MHz
- Carrier approved as an end device

Product	Description	Region
MTSMC-C2-GP-N16 MTSMC-C2-GP-N16	Embedded 1xRTT w/Universal IP/GPS (Aeris) 3.3V-5V Single or 50-Pack	US
MTSMC-C2-GP-N2 MTSMC-C2-GP-N2	Embedded 1xRTT w/Universal IP/GPS (Sprint) 3.3V-5V Single or 50-Pack	US
MTSMC-C2-GP-N3 MTSMC-C2-GP-N3	Embedded 1xRTT w/Universal IP/GPS (Verizon) 3.3V-5V Single or 50-Pack	US
MTSMC-C2-IP-N2 MTSMC-C2-IP-N2	Embedded 1xRTT w/Universal IP (Sprint) 3.3V-5V Single or 50-Pack	US
MTSMC-C2-IP-N3 MTSMC-C2-IP-N3	Embedded 1xRTT w/Universal IP (Verizon) 3.3V-5V Single or 50-Pack	US
MTSMC-C2-IP-N16 MTSMC-C2-IP-N16	Embedded 1xRTT w/Universal IP (Aeris) 3.3V-5V Single or 50-Pack	US
MTSMC-C1-IP-N2 MTSMC-C1-IP-N2	CDMA 1xRTT Modem with Universal IP (Sprint) Near-End-of-Life, MTSMC-C2-IP-N2 is replacement.	US
MTSMC-C1-IP-N3 MTSMC-C1-IP-N3	CDMA 1xRTT Modem with Universal IP (Verizon) Near-End-of-Life, MTSMC-C2-IP-N3 is replacement.	US
MTSMC-C1-IP-N16 MTSMC-C1-IP-N16	CDMA 1xRTT Modem with Universal IP (Aeris) Near-End-of-Life, MTSMC-C2-IP-N16 is replacement.	US
MTSMC-C1-GP-N2 MTSMC-C1-GP-N2	CDMA 1xRTT Modem with GPS (Sprint) Near-End-of-Life, MTSMC-C2-GP-N2 is replacement.	US
MTSMC-C1-GP-N3 MTSMC-C1-GP-N3	CDMA 1xRTT Modem with GPS (Verizon) Near-End-of-Life, MTSMC-C2-GP-N3 is replacement.	US
MTSMC-C1-GP-N16 MTSMC-C1-GP-N16	CDMA 1xRTT Modem with GPS (Aeris) Near-End-of-Life, MTSMC-C2-GP-N16 is replacement.	US
MTSMI-UDK MTSMI-UDK	Universal Socket Developer Kit Dev Board, Power Supply, Cables, Antennas and Docs	🌐 Global

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